

IN THE CLAIMS

Please amend the claims as follows:

Claim 1. (Cancelled).

2. (Currently amended) A movement detection sensor comprising:
a void formed by a partition wall made of a non-magnetic material;
a magnetized rolling member sealed in an interior of the void; and
an opening that is provided through the partition wall and communicates from the interior of the void to outside of the void;
a magnetic sensor provided in the partition, wall inserted into the opening with a detection end thereof directing toward the interior of the void,
wherein the void is formed so that the whole inner wall of the void is in smooth
spherical or regular polyhedron form, and the rolling member is a sphere or a regular
polyhedron.

3. (Previously presented) A movement detection device comprising:
the movement detection sensor according to claim 2;
an amplifying circuit that amplifies an output signal of the magnetic sensor in the
movement detection sensor; and
a transmitting circuit that radio-transmits a detection signal amplified in the
amplifying circuit.

4. (Currently amended) A movement detection sensor comprising:
a void formed by a partition wall made of a non-magnetic material;
a magnetized member sealed in the interior of the void;
a hole that is provided through the partition wall and communicates from the interior of the void to outside of the void:
a visco-elastic body which is filled into the void so as to abut against ~~and envelop~~
the magnetic member to hold the magnetic member in a predetermined position; and
a magnetic sensor provided in the partition wall inserted into the hole with a detection end thereof directing toward the interior of the void.
5. (Currently amended) A movement detection device comprising:
the movement detection sensor according to claim 4;
a differentiating circuit that differentiates an output signal of the magnetic sensor in the movement detection sensor and calculates an acceleration having a main component in a predetermined direction to generate a second output signal;
an amplifying circuit that amplifies an the second output signal to generate a detection signal of the differentiating circuit; and
a transmitting circuit that radio-transmits a the detection signal amplified in the amplifying circuit.
6. (Currently amended) A movement detection device comprising:
the movement detection device according to claim 3; and
a microcomputer that stores and judges a the detection signal amplified in the amplifying circuit of the movement detection device.
7. (Currently amended) A movement detection device comprising:
the movement detection device according to claim 5; and
a microcomputer that stores and judges a the detection signal amplified in the amplifying circuit of the movement detection device.

8. (Original) A movement detection device comprising:
the movement detection device according to claim 3; and
a radio wave receiver attached to the movement detection device, that receives
radio waves,
wherein the radio wave receiver receives radio waves from a radio wave transmitter
positioned at a predetermined distance from the movement detection device, and the
movement detection device begins operations when a field intensity of the received radio
waves falls below a predetermined value.

9. (Original) A movement detection device comprising:
the movement detection device according to claim 5; and
a radio wave receiver attached to the movement detection device, that receives
radio waves,
wherein the radio wave receiver receives radio waves from a radio wave transmitter
positioned at a predetermined distance from the movement detection device, and the
movement detection device begins operations when a field intensity of the received radio
waves falls below a predetermined value.

10. (Original) A movement detection device comprising:
the movement detection device according to claim 6; and
a radio wave receiver attached to the movement detection device, that receives
radio waves,
wherein the radio wave receiver receives radio waves from a radio wave transmitter
positioned at a predetermined distance from the movement detection device, and the
movement detection device begins operations when a field intensity of the received radio
waves falls below a predetermined value.

11. (Original) A movement detection device comprising:
the movement detection device according to claim 7; and
a radio wave receiver attached to the movement detection device, that receives
radio waves,
wherein the radio wave receiver receives radio waves from a radio wave transmitter
positioned at a predetermined distance from the movement detection device, and the
movement detection device begins operations when a field intensity of the received radio
waves falls below a predetermined value.
12. (Original) A movement detection device comprising:
the movement detection device according to claim 3;
a temperature sensor that detects the temperature of a detection subject; and
an attachment tool that attaches the movement detection device and the temperature
sensor to the detection subject.
13. (Original) A movement detection device comprising:
the movement detection device according to claim 5;
a temperature sensor that detects the temperature of a detection subject; and
an attachment tool that attaches the movement detection device and the temperature
sensor to the detection subject.
14. (Original) A movement detection device comprising:
the movement detection device according to claim 6;
a temperature sensor that detects the temperature of a detection subject; and
an attachment tool that attaches the movement detection device and the temperature
sensor to the detection subject.

15. (Original) A movement detection device comprising:
the movement detection device according to claim 7;
a temperature sensor that detects the temperature of a detection subject; and
an attachment tool that attaches the movement detection device and the temperature
sensor to the detection subjection.